

## **ABSTRACT**

### **THE IMPROVEMENT OF LEARNING ACHIEVEMENT IN SELECTING RAW MATERIALS OF CLOTHING THROUGH THREE DIMENSIONAL MEDIA ON STUDENTS OF 10<sup>th</sup> GRADE, PIRI VOCATIONAL HIGH SCHOOL Nr. 2, YOGYAKARTA**

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The purpose of this research is (1) to know the implementation of learning on the subject of selecting raw material of clothing through three dimensional media in the form of some samples of textile products and clothing matching with the occasion on students of 10th Grade, Piri Vocational High School Nr. 2, Yogyakarta. 2) to know the improvement of learning competency on the subject of selecting raw material of clothing through three dimensional media in the form of textile products and clothing matching with the occasion on students of 10th grade, Piri vocational high school Nr. 2, Yogyakarta.

This is a class action research consisting of two cycles with research design based on Kemmis and Taggart model. The flow of this research consists of “planning-observation-reflection”. Research was conducted in Piri Vocational High School Nr. 2, Yogyakarta. Subjects in this research were 18 students of 10th Grade of Fashion Department, Piri Vocational High School Nr. 2, Yogyakarta. Data collecting method applied required observation sheets, multiple choice test, and fitting efforts with available field notes. The test of validity is based on the opinion of experts (*judgement expert*). The reliability of test was obtained by applying KR20 formula amounting to 0,871. Data analysis technique used was quantitative and descriptive techniques.

The results consist of several stages. Planning stage was implemented by teacher collaborating with the researcher, and the kind of activities performed were: action planning in the form of the use of three dimensional media namely some samples of product of textiles and the sample of clothing fitting with occasion and matching with their materials in order to identify the type of clothing main materials, constructing RPP, preparing evaluation instruments consisting of observation sheets and test. In action stage, teacher performed learning through three dimensional media in the form of some samples of textile products and samples of fashion fitting with occasion. Observation was conducted on learning process and on the learning achievement of students, while in the reflection stage, observation, remedial, and the addition of learning media in previous cycle were implemented, so that through the material learning we could identify the type of clothing material in the next cycle. In the implementation of learning through the use of three dimensional media in the form of some samples of textile production and samples of clothing fitting with occurrence, there was an increase in student's learning competency which was in accordance with Minimum Completion Criteria. The achievement of learning competence of students before the treatment of pre-cycle mounted to 27,7% or 5 students fulfilling KKM, after the treatment of cycle I there was an increase in learning achievement of students as many as 50 % or 9 students had fulfilled KKM, and at cycle II the learning achievement of students amounted to 83,3% or 15 students had fulfilled KKM. The above description showed that the use of three dimensional media in the form of some samples of textile product and sample of clothing fitting with occurrence could be applied on the subject of selecting raw clothing materials and could increase learning competency of students.

*Keywords: learning competency and three dimensional media.*

